

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
480140.476APPLICATION NO.
10/087,600APPLICANTS
Teresa Aja et al.FILING DATE
March 1, 2002GROUP ART UNIT
1645INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
AS	AA	4,582,821	04/15/86	Kettner et al.	514	18	
	AB	4,644,055	02/17/87	Kettner et al.	530	330	
	AC	5,416,013	05/16/95	Black et al.	435	226	
	AD	5,504,080	04/02/96	Karanewsky	514	214	
	AE	5,567,425	10/22/96	Bathurst et al.	424	195.1	
	AF	5,624,672	04/29/97	Bathurst et al.	424	195.1	
	AG	5,635,186	06/03/97	Bathurst et al.	424	195.1	
	AH	5,635,187	06/03/97	Bathurst et al.	424	195.1	
	AI	5,691,179	11/25/97	Korsmeyer	435	240.1	
	AJ	5,756,465	05/26/98	Sleath et al.	514	17	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
AS	AK	WO 91/15577	10/17/91	WIPO		
	AL	WO 92/17490	10/15/92	WIPO		
	AM	0 528 487 A2	02/24/93	EP		
	AN	WO 93/05071	03/18/93	WIPO		
	AO	0 533 226 A2	03/24/93	EP		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AS	AP	English Abstract of EP 0 618 233 B1, esp@cenet.net database, October 5, 1994.
	AQ	Altschul et al., "Gapped BLAST and PSI-BLAST: A New Generation of Protein Database Search Programs," <i>Nucleic Acids Research</i> 25(17):3389-3402, 1997.
	AR	Armstrong et al., "Fas-Induced Activation of the Cell Death-Related Protease CPP32 is Inhibited by Bcl-2 and by ICE Family Protease Inhibitors," <i>J. of Biol. Chem.</i> 271(28):16850-16855, 1996.

EXAMINER

DATE CONSIDERED

6/28/04

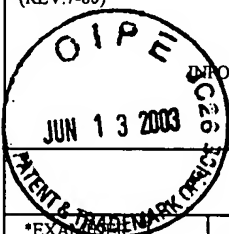
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
480140.476

APPLICATION NO.
10/087,991



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APPLICANTS
Teresa Aja et al.

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AJ	BA	5,798,247	08/25/98	Albrecht et al.	435	212	
	BB	5,847,135	12/08/98	Bemis et al.	544	264	
	BC	5,866,545	02/02/99	Hagmann et al.	514	18	
	BD	5,867,519	02/02/99	Filgas	372	93	
	BE	5,869,519	02/09/99	Karanewsky et al.	514	415	
	BF	5,877,197	03/02/99	Karanewsky et al.	514	397	
	BG	5,919,790	07/06/99	Allen et al.	514	278	
	BH	5,968,927	10/19/99	Karanewsky et al.	514	214	
	BI	6,004,579	12/21/99	Bathurst et al.	424	450	
	BJ	6,004,933	12/21/99	Spruce et al.	514	17	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
AJ	BK	WO 93/09135	05/13/93	WIPO		
	BL	WO 93/14777	08/05/93	WIPO		
	BM	WO 94/03480	02/17/94	WIPO		
	BN	0 618 223 A2	10/05/94	EP		
	BO	0 618 233 B1	04/28/99	EP		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AJ	BP	Boudreau et al., "Suppression of ICE and Apoptosis in Mammary Epithelial Cells by Extracellular Matrix," <i>Science</i> 267:891-893, February 10, 1995.
	BQ	De Lombaert et al., "Practical Syntheses of a Novel Tricyclic Dipeptide Mimetic Based on a [6H]-Azepino Indoline Nucleus: Application to Angiotensin-Converting Enzyme Inhibition," <i>Tetrahedron Letters</i> 35(41):7513-7516, 1994.
	BR	Dakin et al., "A General Reaction of Amino Acids," <i>J. of Biol. Chem.</i> 78:91-105, 1928.

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FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 480140.476	APPLICATION NO. 10/087,607
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Teresa Aja et al.	
		FILING DATE March 1, 2002	GROUP ART UNIT 1645

.S. PATENT DOCUMENTS


*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AJ	CA	6,083,981	07/04/00	Allen et al.	514	471	
	CB	6,136,787	10/24/00	Black et al.	514	18	
	CC	6,153,591	11/28/00	Cai et al.	514	19	
	CD	6,179,750	01/30/01	Lonergan	482	47	
	CE	6,184,210	02/06/01	Keana et al.	514	19	
	CF	6,187,771	02/13/01	Karanewsky et al.	514	212.05	
	CG	6,197,750	03/06/01	Karanewsky et al.	514	19	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
AJ	CH	WO 97/07805	03/06/97	WIPO		
	CI	WO 97/08174	03/06/97	WIPO		
	CJ	WO 97/22618	06/26/97	WIPO		
	CK	WO 97/22619	06/26/97	WIPO		
	CL	WO 97/47545	12/18/97	WIPO		
	CM	0 623 606 B1	01/07/98	EP		
	CN	WO 98/10778	03/19/98	WIPO		
	CO	WO 98/11129	03/19/98	WIPO		

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AJ	CP ✓	Dolle et al., "P ₁ Aspartate-Based Peptide α -(2,6-Dichlorobenzoyl)oxy)methyl Ketones as Potent Time-Dependent Inhibitors of Interleukin-1 β -Converting Enzyme," <i>J. of Med. Chem.</i> 37(5):563-564, 1994.
AJ	CQ	Enari et al., "Sequential Activation of ICE-Like and CPP32-Like Proteases During Fas-Mediated Apoptosis," <i>Nature</i> 380:723-726, April 1996.
AJ	CR	Fernandes-Alnemri et al., "Mch3, A Novel Human Apoptotic Cysteine Protease Highly Related to CPP32," <i>Cancer Res.</i> 55(24):6045-6052, December 1995.

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U.S. PATENT DOCUMENTS

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A	DA 6,515,173	02/04/03	Ternansky et al.	562	553	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
A	DB	WO 98/22098	05/28/98	WIPO		
	DC	WO 98/24804	06/11/98	WIPO		
	DD	WO 98/24805	06/11/98	WIPO		
	DE	0 519 748 B1	09/02/98	EP		
	DF	WO 99/06042	02/11/99	WIPO		
	DG	WO 99/06367	02/11/99	WIPO		
	DH	WO 99/07733	02/18/99	WIPO		
	DI	WO 99/25346	05/27/99	WIPO		
	DJ	WO 99/43675	09/02/99	WIPO		
	DK	WO 99/46248	09/16/99	WIPO		
	DL	WO 99/47545	09/23/99	WIPO		
	DM	WO 99/65451	12/23/99	WIPO		
	DN	WO 00/01666	01/13/00	WIPO		
✓	DO	WO 00/20440	04/13/00	WIPO		

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A	DP	Hoglen et al., "Characterization of the Caspase Inhibitor IDN-1965 in a Model of Apoptosis-Associated Liver Injury," <i>J. of Pharmacology And Experimental Therapeutics</i> 297(2):811-818, January 2001.
A	DQ	Kerr et al., "Apoptosis: A Basic Biological Phenomenon with Wide-Ranging Implications in Tissue Kinetics," <i>Br. J. of Cancer</i> 26:239-257, 1972.
A	DR	Kettner et al., "The Purification of Aeromonas Aminopeptides by Affinity Chromatography," <i>Archives of Biochemistry and Biophysics</i> 162:56-63, 1974.

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FORM PTO-1449 (REV. 7-89)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 480140.476	APPLICATION NO. 10/087,607
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		FILING DATE March 1, 2002	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	AGING DATE IN APPROPRIATE
EA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
A ↓	EB	WO 00/23421	04/27/00	WIPO		
	EC	WO 00/64430	11/02/00	WIPO		
	ED	WO 01/00658 A1	01/04/01	WIPO		
	EE	WO 01/10383 A2	02/15/01	WIPO		
	EF	0 623 592 B1	06/27/01	EP		

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A ↓	EG	Kettner et al., "Kinetics of Inhibition of Aeromonas Aminopeptidase by Leucine methyl Ketone Derivatives," <i>Archives of Biochemistry and Biophysics</i> 165:739-743, 1974.
	EH	Milligan et al., "Peptide Inhibitors of the ICE Protease Family Arrest Programmed Cell Death of Motoneurons in Vivo and in Vitro," <i>Neuron</i> 15:385-393, August 1995.
	EI	Natori et al., "Apoptosis of Sinusoidal Endothelial Cells Occurs During Liver Preservation Injury by a Caspase-Dependent Mechanism," <i>Transplantation</i> 68(1):89-96, July 1999.
	EJ ✓	Nicholson D., "ICE/CED3-Like Proteases as Therapeutic Targets for the Control of Inappropriate Apoptosis," <i>Nature Biotechnology</i> 14(3):297-301, March 1996.
	EK	Rasnick D., "Synthesis of Peptide Fluoromethyl Ketones and the Inhibition of Human Cathepsin B," <i>Analytical Biochemistry</i> 149(2):461-465, September 1985.
	EL ✓	Revesz et al., "Synthesis of P1 Aspartate-Based Peptide Acyloxymethyl and Fluoromethyl Ketones as Inhibitors of Interleukin-1 β -Converting Enzyme," <i>Tetrahedron Letters</i> 35(52):9693-9696, 1994.
	EM	Robl et al., "Synthesis of Benzo-Fused, 7,5- and 7,6-Fused Azepinones as Conformationally Restricted Dipeptide Mimetics," <i>Tetrahedron Letters</i> 36(10):1593-1596, 1995.
EN	Schlegel et al., "CPP32/Apopain is a Key Interleukin 1 β Converting Enzyme-like Protease Involved in Fas-Mediated Apoptosis," <i>J. of Biol. Chem.</i> 271(4):1841-1844, 1996.	
EO	Thornberry et al., "Inactivation of Interleukin- 1 β Converting Enzyme by Peptide (Acyloxy)methyl Ketones," <i>Biochemistry</i> 33:3934-3940, 1994.	

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FA						
FB						
FC						
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FE						
FF						
FG						
FH						
FI						

FOREIGN PATENT DOCUMENTS

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				YES	NO
FJ					
FK					
FL					
FM					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

A	FN ✓	Warraich et al., "CMV pp65 Antigenicity Enhancement by Anti-Apoptotic Agent IND7312 with Automated Cellular Imaging Analysis," <i>Laboratory Investigation</i> 81(1):237A, Abstract Number 1398, January 2001.
A	FO	Watson et al., "The IL-1 β -Converting Enzyme(Caspase-1) Inhibits Apoptosis of Inflammatory Neutrophils Through Activation of IL-1 β ," <i>J. of Immunology</i> 161(2):957-962, July 1998.
A	FP	Wyllie et al., "Cell Death: The Significance of Apoptosis," <i>Intl. Review of Cytology</i> 68:251-306, 1980.

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